```
DDDDDDDDDDD          CCCCCCCCCCC  LLL
DDDDDDDDDDD          CCCCCCCCCCC  LLL
DDDDDDDDDDD          CCCCCCCCCCC  LLL
DDD      DDD   CCC                LLL
DDD      DDD   CCC                LLL
DDD      DDD   CCC                LLL
DDD      DDD   CCC                LLL
DDD      DDD   CCC                LLL
DDD      DDD   CCC                LLL
DDD      DDD   CCC                LLL
DDD      DDD   CCC                LLL
DDD      DDD   CCC                LLL
DDD      DDD   CCC                LLL
DDD      DDD   CCC                LLL
DDD      DDD   CCC                LLL
DDD      DDD   CCC                LLL
DDDDDDDDDDD          CCCCCCCCCCC  LLLLLLLLLLLLLL
DDDDDDDDDDD          CCCCCCCCCCC  LLLLLLLLLLLLLL
DDDDDDDDDDD          CCCCCCCCCCC  LLLLLLLLLLLLLL
```

STASTUB.

LIS

```
0000      1            .TITLE   STASTUB - Stand-alone DCL parsing stub routines
0000      2            .IDENT   'V04-000'
0000      3
0000      4    ;**********************************************************************
0000      5    ;*                                                                    *
0000      6    ;*   COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                          *
0000      7    ;*   DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.           *
0000      8    ;*   ALL RIGHTS RESERVED.                                             *
0000      9    ;*                                                                    *
0000     10    ;*   THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED *
0000     11    ;*   ONLY IN  ACCORDANCE WITH  THE  TERMS  OF  SUCH  LICENSE  AND WITH THE *
0000     12    ;*   INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR  ANY  OTHER *
0000     13    ;*   COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY *
0000     14    ;*   OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY *
0000     15    ;*   TRANSFERRED.                                                     *
0000     16    ;*                                                                    *
0000     17    ;*   THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE *
0000     18    ;*   AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT *
0000     19    ;*   CORPORATION.                                                     *
0000     20    ;*                                                                    *
0000     21    ;*   DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS *
0000     22    ;*   SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.          *
0000     23    ;*                                                                    *
0000     24    ;*                                                                    *
0000     25    ;**********************************************************************
0000     26    ;
0000     27    ; Stand-alone DCL parsing stub routines
0000     28    ;
0000     29    ; Peter George   20-June-1983
0000     30    ;
0000     31    ; MODIFIED BY:
0000     32    ;
0000     33    ;---
```

J 2

STASTUB   - Stand-alone DCL parsing stub routines 16-SEP-1984 00:20:27 VAX/VMS Macro V04-00   Page   2
V04-000   4-SEP-1984 23:43:37 [DCL.SRC]STASTUB.MAR;1   (2)

```
        0000    35 ;
        0000    36 ; Macro library calls
        0000    37 ;
        0000    38         $CLIMSGDEF                      ; Define error/status codes
        0000    39
00000000    40         .PSECT  DCL$ZCODE,BYTE,RD,NOWRT
        0000    41
        0000    42 DCL$EXPRESS::                           ; Analyze expression
        0000    43         STATUS  INVROUT                 ; Set status
05      0007    44         RSB                             ; Return
        0008    45
        0008    46         .END
```

STASTUB   - Stand-alone DCL parsing stub routines   16-SEP-1984 00:20:27   VAX/VMS Macro V04-00   Page 3
Symbol table   4-SEP-1984 23:43:37   [DCL.SRC]STASTUB.MAR;1   (2)

```
CLI$_INVROUT   = 00038912
DCL$EXPRESS      00000000 RG    02
```

```
                              +------------------+
                              ! Psect synopsis !
                              +------------------+


PSECT name                    Allocation          PSECT No.   Attributes
----------                    ----------          ---------   ----------
.  ABS  .                     00000000 (     0.)  00 (  0.)   NOPIC   USR   CON   ABS   LCL NOSHR NOEXE NORD   NOWRT NOVEC BYTE
$ABS$                         00000000 (     0.)  01 (  1.)   NOPIC   USR   CON   ABS   LCL NOSHR  EXE   RD     WRT NOVEC BYTE
DCL$ZCODE                     00000008 (     8.)  02 (  2.)   NOPIC   USR   CON   REL   LCL NOSHR  EXE   RD   NOWRT NOVEC BYTE
```

```
                              +------------------------+
                              ! Performance indicators !
                              +------------------------+


Phase                Page faults   CPU Time      Elapsed Time
-----                -----------   --------      ------------
Initialization           10        00:00:00.04    00:00:02.26
Command processing       83        00:00:00.62    00:00:07.44
Pass 1                  116        00:00:02.01    00:00:09.93
Symbol table sort         0        00:00:00.15    00:00:00.24
Pass 2                   15        00:00:00.31    00:00:02.23
Symbol table output       1        00:00:00.01    00:00:00.01
Psect synopsis output     1        00:00:00.02    00:00:00.79
Cross-reference output    0        00:00:00.00    00:00:00.00
Assembler run totals    226        00:00:03.16    00:00:22.91
```

The working set limit was 900 pages.
7684 bytes (16 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 154 non-local and 0 local symbols.
46 source lines were read in Pass 1, producing 13 object records in Pass 2.
10 pages of virtual memory were used to define 9 macros.

```
                              +----------------------------+
                              ! Macro library statistics !
                              +----------------------------+


Macro library name                          Macros defined
------------------                          --------------
_$255$DUA28:[SYSLIB]SYSBLDMLB.MLB;1                0
_$255$DUA28:[DCL.OBJ]DCL.MLB;1                     3
_$255$DUA28:[SYS.OBJ]LIB.MLB;1                     0
_$255$DUA28:[SYSLIB]STARLET.MLB;2                  3
TOTALS (all libraries)                            6
```

223 GETS were required to define 6 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS$:STASTUB/OBJ=OBJ$:STASTUB MSRC$:STASTUB/UPDATE=(ENH$:STASTUB)+EXECML$/LIB+LIB$:DCL/LIB+SYS$LIBRARY:SYSBLDMLB/LIB

PREFIX REQ

STACLINT LIS

STATUS LIS

ANALYZE LIS

DCXMSG LIS

STASTUB LIS

DCXDEF MDL

EXPAND LIS

SYSOUTPUT LIS

DCXPRVDEF MDL

STATEMENT LIS

DCX

COMPRESS LIS

TRANSFER LIS

SYMBOL LIS

DCXSHR MAP

SUBS LIS